

Converting Colors

$Yxy(72.6673, 0.3083, 0.3476)$

Have a look what the booklet for
Yxy(72.6673, 0.3083, 0.3476)
contains.

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Color

Yxy(72.6205, 0.3077, 0.3470)

Conversions

Conversions Part 1

Format	Color
Hex	CDE3D3
RGB	205, 227, 211
RGB Percent	80%, 89%, 83%
CMY	0.1963, 0.1097, 0.1725
CMYK	0.10, 0.00, 0.07, 0.11
HSL	137°, 28%, 85%
HSV	137°, 10%, 89%
XYZ	64.3958, 72.6205, 72.2647
YIQ	218.5980, -7.9760, -9.6400

Conversions

Conversions Part 2

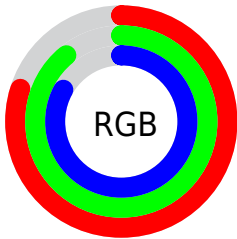
Format	Color
R_{YB}	205, 222, 227
Decimal	13493203
CIE Lab	88.27, -10.28, 5.31
CIE LCh	88, 11.570, 152.659
Yxy	72.6205, 0.3077, 0.3470
Android (android.graphics.Color)	4291683283 (0xFFCDE3D3)
YUV	218.5980, -3.7458, -11.9254
Hunter-Lab	85.2177, -14.2452, 9.3743

Details

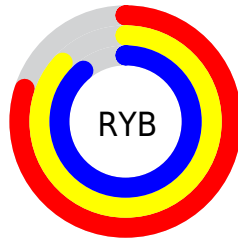
The Yxy color **72.6205, 0.3077, 0.3470** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.1908, 0.3181, 0.3116**, and the grayscale version is **70.5735, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.5187, 0.3063, 0.3512** is the 20% darker color. If you saturate the color by 10%, you get **68.8432, 0.3026, 0.3679**, and if you desaturate by 10%, it is **76.9569, 0.3129, 0.3285**.

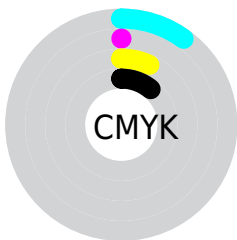
Distribution



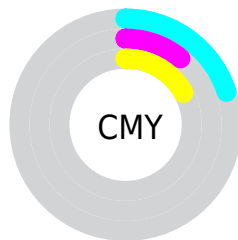
- Red (80%)
- Green (89%)
- Blue (83%)



- Red (80%)
- Yellow (87%)
- Blue (89%)



- Cyan (10%)
- Magenta (0%)
- Yellow (7%)
- Black (11%)





- Cyan (20%)
- Magenta (11%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.6205, 0.3077, 0.3470 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 72.6205, 0.3077, 0.3470 by changing the saturation by 10% instead.


 72.6205, 0.3077,
0.3470

 72.6205, 0.3077,
0.3470


469.6985, 0.3101,
0.3386

 53.6657, 0.3071,
0.3490


122.9383, 0.3085,
0.3440

 38.3345, 0.3064,
0.3514


155.0701, 0.3089,
0.3429

 26.2424, 0.3055,
0.3545


192.3631, 0.3091,
0.3419

 17.0051, 0.3043,
0.3587

235.2015, 0.3094,
0.3411

 10.2381, 0.3027,
0.3644

283.9699, 0.3096,
0.3403

 5.5571, 0.3002,
0.3729

339.0526, 0.3098,

 2.5777, 0.2960,

0.3397

0.3867

400.8340, 0.3099,
0.3391

■ 0.9155, 0.2866,
0.4240

■ 0.0000, 0.0000,
0.0000

■ 72.6205, 0.3077,
0.3470

■ 72.6205, 0.3077,
0.3470

■ 68.8432, 0.3026,
0.3679

■ 76.9569, 0.3129,
0.3285

■ 65.5930, 0.2977,
0.3911

■ 81.8644, 0.3179,
0.3123

■ 62.8488, 0.2932,
0.4164

■ 83.4270, 0.3140,
0.3019

■ 60.5847, 0.2895,
0.4435

■ 58.7719, 0.2869,
0.4714

■ 57.3791, 0.2857,
0.4990

■ 56.3702, 0.2860,
0.5250

■ 55.7032, 0.2879,
0.5480

■ 55.3091, 0.2909,
0.5669

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.6205, 0.3217, 0.3530



72.6205, 0.3077, 0.3470



72.6205, 0.2952, 0.3358

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.6205, 0.3077, 0.3470



72.6205, 0.2920, 0.3061



72.6205, 0.3387, 0.3341

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



72.6205, 0.3077, 0.3470



65.1908, 0.3181, 0.3116

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.6205, 0.3304, 0.3221



72.6205, 0.3077, 0.3470



72.6205, 0.3033, 0.3062

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.6205, 0.3077, 0.3470



72.6205, 0.2863, 0.3121



72.6205, 0.3173, 0.3120



72.6205, 0.3398, 0.3452

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.6205, 0.3077, 0.3470



72.6205, 0.2894, 0.3272



72.6205, 0.3173, 0.3120



72.6205, 0.3366, 0.3301

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



72.6236, 0.3077, 0.3470



98.2258, 0.3112, 0.3344



74.7454, 0.3229, 0.3532



20.9253, 0.3107, 0.3358



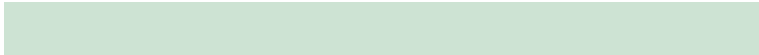
0.0000, 0.0000, 0.0000



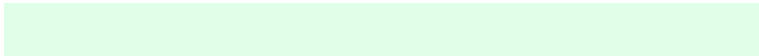
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.6236, 0.3077, 0.3470



93.3041, 0.3065, 0.3517



73.1862, 0.3009, 0.3347



16.1540, 0.3078, 0.3465



32.2628, 0.2903, 0.5649



2.3994, 0.2822, 0.5361

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



65.1908, 0.3181, 0.3116



81.4762, 0.3196, 0.3073



64.6314, 0.3260, 0.3234



14.5440, 0.3180, 0.3121



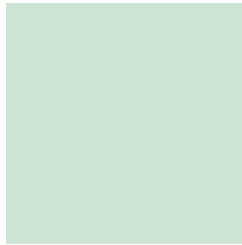
11.1196, 0.4051, 0.2005



0.8372, 0.3900, 0.1922

Previews

White Background



This preview shows how the Yxy color 72.6205, 0.3077, 0.3470 looks on a white background.

Color Contrast Check

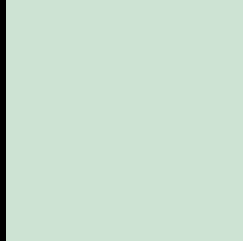
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 72.6205, 0.3077, 0.3470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

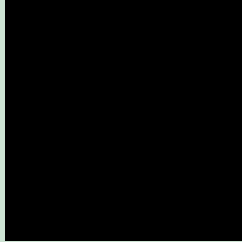
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

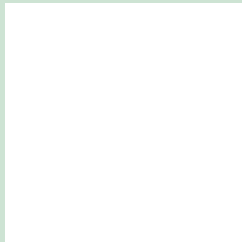
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.6205, 0.3077, 0.3470

Background



This preview shows how black text looks on a background with the Yxy color 72.6205, 0.3077, 0.3470.

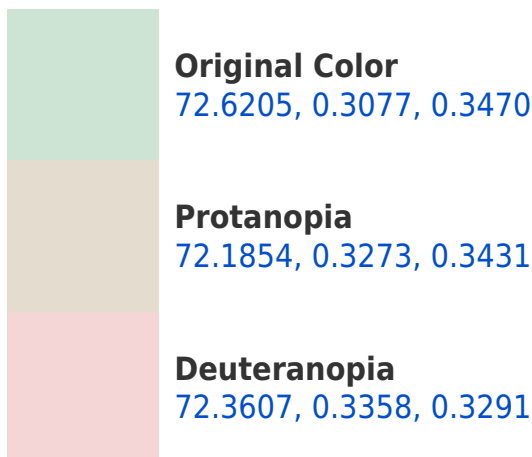


This preview shows how white text looks on a background with the Yxy color 72.6205, 0.3077, 0.3470.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia

72.7683, 0.2932, 0.3105

Trichromacy



Original Color

72.6205, 0.3077, 0.3470

Protanomaly

72.5451, 0.3205, 0.3455

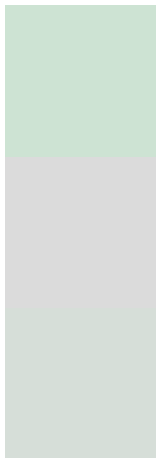
Deuteranomaly

72.2901, 0.3247, 0.3355

Tritanomaly

72.3783, 0.2986, 0.3235

Monochromacy



Original Color

72.6205, 0.3077, 0.3470

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.4966, 0.3110, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.6205, 0.3077, 0.3470 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(205, 227, 211)` looks like.

```
.text, #text, p{  
    color:rgb(205, 227, 211)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(205, 227, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 227, 211) }
```

Border

The CSS property to change the border of an element to Yxy 72.6205, 0.3077, 0.3470 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 227, 211) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(205, 227, 211) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(205, 227, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 227, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 227, 211);  
box-shadow:4px 4px 4px 4px rgb(205, 227,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 72.6205, 0.3077, 0.3470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 227, 211) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(205,  
227, 211) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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